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CONSTRUCTION OF RESERVOIR, POWER STATIONS,  
TRANSFORMER PRODUCTION AT BULGARIAN PLANT

TWO NEW HYDROELECTRIC STATIONS UNDER CONSTRUCTION -- Berlin, Ausserhandels-  
Nachrichten, 13 Sep 52

A large reservoir, called Rostroy, is being built on the middle reaches of the Rositsa River in northern Bulgaria. The reservoir is 18 kilometers long, it will have an area of 800 square kilometers [sic] and will store 220 million cubic meters of water. Two hydroelectric power stations are being built at this reservoir. When completed, they will produce 20 million kilowatt-hour annually. The water from the reservoir will irrigate the extensive lowlands east of the Yantra River, thereby making 350,000 hectares of land arable.

Construction of the reservoir is proceeding rapidly. The dam, with a length of 320 meters, has already been built. One of the two power plants has already begun partial operation and is furnishing electric current for the construction project and for neighboring villages. Provision for the inhabitants of two flooded villages is being made in new settlements at the foot of the Isibar Mountain below the dam.

Construction of the dam and the entire irrigation system will be completed by the end of 1953.

BUILDS 12,500-KILOVOLT-AMPERE TRANSFORMER -- Sofia, Elektroenergiya, Aug - Sep 52  
[Information on graphics material is appended.]

At the beginning of 1952, the "Vasil Kolarov" Plant of the "Elprom" (Electrical Industry [Enterprise]) produced the first 5,600-kilovolt-ampere transformer operating at voltages of 66,000 and 6,300 volts. Later, transformers with the same kilovolt-ampere rating, but operating at 110,000 and 35,000 volts, were produced. In April 1952, the plant was ordered to produce between 1 May and 9 September 1952 a 12,500-kilovolt-ampere transformer operating at 121,000 and 63,000 volts. This transformer was completed on 31 August 1952, 9 days before the deadline. Workers of the plant will soon begin the construction of a 20,000-kilovolt-ampere transformer.

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During 1952, the Plovdiv, Kurdzhali, and Konski dol substations have begun operation.

The 110,000-volt power line between Dimitrovgrad, Kurdzhali, and Konski dol was completed before the deadline. The power line was produced in Bulgaria, and most of the equipment of the substations is also of Bulgarian make.

During 1952, the machines of the following power stations were exceptionally well repaired (obraztsov remont): "Mezdra" VETs (Hydroelectric Power Station) [in Mezdra], "Petrovo" VETs [in Petrovo], and "Yanko Kostov" TETs (Steam-Heat and Electric Power Station).

The encouragement of Georgi Todorov, in charge of production and payments for the Central Committee of the Electrical Workers Union and active member of the "Vasil Kolarov" Plant trade union committee, caused Engineer Nicho Todorov, chief technologist at the plant, Engineer Lukov, and Soviet specialist Serogin, also at the plant, to do outstanding work during 1952.

GRAPHIC MATERIAL AVAILABLE

Requests for copies of, or further information on, the photograph described herein should be addressed to Graphics Register, CIA, by referring to report number and item number.

Location Bulgaria, Sofia, "Vasil Kolarov" Plant

Caption and Description Photograph of transformer [probably the 12,500-kilovolt-ampere transformer completed at the plant on 31 August 1952]

Photograph Description Size: 3 x 4 1/2 inches, fair, pulp paper

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Elektroenergiya, Sofia, August - September 1952, page 37

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